12-03-09

PTO/SB/31 (08-03) Approved for use through 07/31/2006. OMB 06551-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Docket Number (Optional) peeal Brief Following NOTICE OF APPEAL FROM THE EXAMINER 50121 THE BOARD OF PATENT APPEALS AND INTERFERENCES In re Application of I hereby certify that this correspondence is being deposited with the Smith, Jr. United States Postal Service with sufficient postage as an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" # EL 977 589 389 US Filed Application Number Alexandria, VA 22313-1450" 10/701,146 11/4/2003 Cargo Oriented Aircraft Signature Typed or printed Art Unit Examiner Shoper name 3644 Tien Dinh Applicant hereby files its appeal brief, in triplicate, with attachments to the Board of Patent Appeals and Interferences from the last decision of the examiner. The fee for this Notice of Appeal is (37 CFR 1.17(b)) \$ 340.00 Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by half, and the resulting fee is: \$ 170.00 A check in the amount of the fee is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director has already been authorized to charge any fees in this application to a Deposit Account. I have enclosed a duplicate copy of this sheet. The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 50-1753 (50121) . I have enclosed a duplicate copy of this sheet. A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. I am the applicant/inventor. Signature assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. Sue Z. Shaper Typed or printed name (Form PTO/SB/96) attorney or agent of record. 713 550 5710 Registration number _ 31663 Telephone number attorney or agent acting under 37 CFR 1.34(a). Registration number if acting under 37 CFR 1.34(a). Date NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below* *Total of forms are submitted.

This collection of information is required by 37 CFR 1.191. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box '450, Alexandria, VA 22313-1450.

PTO/SB/21 (04-04) Approved for use through 07/31/2006. OMB 0651-0031

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WARK OF		Application Number	10/701,146				
TRA	NSMITTAL	Filing Date	Nov 4, 2003				
FORM		First Named Inventor	Smith, Jr., F	Jr., Frank C.			
(to be used for all correspondence after initial filing)		Art Unit	3644				
		Examiner Name	Dinh				
Total Number of Pag	ges in This Submission	Attorney Docket Number	50121		, , , , , , , , , , , , , , , , , , , ,		
	EN	ICLOSURES (Check all th	at apply)				
X Fee Transn		Drawing(s)	<u> </u>	After Allowance communicati			
X Fee	Attached	Licensing-related Papers		Appea	chnology Center (TC) al Communication to Board of als and Interferences		
Amendment / Reply		Petition	[eal Communication to TC eal Notice, Brief, Reply Brief)		
After	Final	Petition to Convert to a		Prop	rietary Information		
Affid	avits/declaration(s)	Provisional Application Power of Attorney, Revocation of Correspondence Address	Change [s Letter			
Extension of	of Time Request	Terminal Disclaimer			r Enclosure(s) (please fy below):		
Express Ab	pandonment Request	Request for Refund					
Information (Disclosure Statement	CD, Number of CD(s)					
Certified Co	opy of Priority	Remarks It is believed that no further request for extension of time or fees are due. Notwithstanding, the Commissioner is authorized to charge any additional fees					
Response t	to Missing Parts/ incu	incurred or credit any overage to Deposit Account No.50-1753 (50121). Please regard this as a further request for extension of time to the extent one is needed.					
Response to Missing Parts under 37 CFR 1.52 or 1.53		(Customer Account Number 22929)					
	SIGNATUR	E OF APPLICANT, ATTORN	EY, OR AG	ENT			
Firm	Sue Z. Shaper			1.			
or Individual name							
Signature	Sm 25/	iegel					
Date 12/14							
CERTIFICATE OF TRANSMISSION/MAILING							
I hereby certify that this correspondence is being facsimite transmitted to the USPTO or deposited with the United States Postal Service by Express Mail EL 977589384 US in an envelope addressed to: Commissioner for Patents, P.P. Box 1450, Alexandria, VA 22313-1450 on the date shown below.							
Typed or printed name Sue Z. Shaper							
Signature	<			Date	12/1/4		

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

In you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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	•	for	FY	20	04		

Effective 10/01/2003. Patent fees are subject to annual revision.

X Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Name (Print/Type)

Signature

MAUEMA

Complete if Known					
Application Number	10/701,146				
Filing Date	11/4/2003				
First Named Inventor	Smith, Jr.				
Examiner Name	Dinh				
Art Unit	3644				
Attorney Docket No.	50121				

Telephone

713 550 5710

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METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)						
Check Credit card Money Other None		DDITIO					1
X Deposit Account		Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Deposit Account 50-1753 (50121)	1051	130	2051	65	Surcharge – tate filing fee or oath		
Number Deposit Account Name	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet		.::
The Director is authorized to: (check all that apply)	1053	130	1053	130	Non-English specification		ı
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination		E7
X Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to		::4
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
to the above-identified deposit account.							
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month		
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month		٦
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month		
Fee Fee Fee Fee Fee Description Fee Paid Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month		ı
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month		1
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal		
1003 530 2003 265 Plant filing fee	1402	330	2402	170	Filing a brief in support of an appeal	170.00	1
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding		1
202224 (1)	1452 1453	110	2452	55 665	Petition to revive – unavoidable Petition to revive – unintentional		1
SUBTOTAL (1) (\$)	1501	1,330 1,330	2501	665	Utility issue fee (or reissue)		-7
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	480	2502	240	Design issue fee		1
Extra Claims below Fee Paid	ł						7
Total Claims 20**= X X = = X X =	1503 1460	640 130	2503 1460	320 130	Plant issue fee Petitions to the Commissioner		
Claims						\vdash	
Multiple Dependent	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		j
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt		
Fee Fee Fee Fee Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	1	٦
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		
1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))		±10
1203 290 2203 145 Multiple dependent claim, if not paid	1801	770	2801	385	Request for Continued Examination (RCE)		
1204 86 2204 43 **Reissue independent claims over original patent	1802	900	1802	900	Request for expedited examination of a design application		
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent			•		or a coorgin approacher.	- :	2:53
SUBTOTAL (2) (\$)	Other	fee (spe	cify)			-	
** or number previously paid, if greater, For Reissues, see above	*Redu	ced by Ba	sic Filing	Fee Paid	SUBTOTAL (3) (\$) 170J	00	.5
SUBMITTED BY					Complete (if applicable)		₹

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31663

Registration No.

(Attomey/Agent)

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent-end Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Sue Z. Shaper